

GRID LOAD LOGIC

ABSTRACT OF THE DISCLOSURE

[0026] A method of supplying supplemental power from a supplemental power source in addition to that from a primary power source in order to meet power demand of a load, comprising: measuring power flow from the primary power source to the power load; developing an error signal by subtracting a fixed power offset from the actual primary power source power measurement; establishing a gain; creating an input by multiplying the error signal by the gain; creating a supplemental power source power adjustment command based upon the input; and adjusting the power output of the supplemental power source based on the supplemental power source power adjustment command.